

What is claimed is:

1. An optical disc repairing device, suitable for cleaning, maintaining and repairing an optical disc, the repairing device comprising:

a movement transmitting element;

5 a connecting element, mounted on the movement transmitting element;

a resilient piece, mounted between the movement transmitting element and the connecting element;

10 a carrier element, mounted on the connecting element; and

a repair element, mounted on the carrier element;

wherein via a rotation of the optical disc associated with a rotation of the repairing device, a scratched surface of the optical disc is polished and is rectified until a flat surface without defects is obtained, a laser beam thereby is able to properly reflect on the disc surface without defects to access data stored on the optical disc.

15 2. The device of claim 1, wherein the movement transmitting element has an approximately tubular shape at an opening end of which the interior edge is locally recessed to form fitting slots, the exterior edge of the opening end further forms a toothed driving part, and the movement transmitting element is centrally provided with a centrally hollow assembling part at an axially opposite end of which a receiving part axially protrudes.

20 3. The device of claim 1, wherein the connecting element has a cover plate at a first side of which an assembling sleeve projects corresponding to the fitting slots of the movement transmitting element, at adequate

locations of the assembling sleeve are formed notches between which are thereby defined resilient snapping claws, a terminal end of each snapping claw forming a lip, and at a second side of the cover plate opposite its first side are formed fastener pieces.

5 4. The device of claim 1, wherein a first side of the carrier element is provided with fitting slits distributed at locations respectively corresponding to the snapping claws, a second side of the carrier element opposite its first side defines a receptacle capable of receiving different types of repair element, and within the boundary of the receptacle is further
10 formed an operating portion.

5 5. The device of claim 1, wherein the repair element is divided into different categories of polishing wheel corresponding to different levels of polishing, such as coarse polishing wheel, fine polishing wheel, and rectifying wheel.

15 6. The device of claim 1, wherein the repair element is used in association of a polishing agent of different levels.

7. The device of claim 1, wherein the repairing device is installed on a repairing machine base that includes a control panel, a loading plate carrying the optical disc, and a mounting part at a periphery of the loading
20 plate dedicated to the assembly to drive in movement the repairing device.

8. The device of claim 7, wherein a cover is further mounted on the repairing machine base, the cover having a resilient abutting part at a location corresponding to the loading plate.

25 9. The device of claim 7, wherein the control panel respectively includes a power switch, a repair switch, and a cleaning switch.